(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



T COLIN THE STREET THE STREET WHEN STREET COLUMN THE COLUMN COLUMN COLUMN STREET WHEN THE STREET WEST COLUMN STREET

(43) International Publication Date 12 January 2006 (12.01.2006)

PCT

(10) International Publication Number WO 2006/004242 Al

(51) International Patent Classification⁷:

B65D 83/76

(21) International Application Number:

PCT/KR2005/000083

- (22) International Filing Date: 11 January 2005 (11.01.2005)
- (25) Filing Language:

Korean

(26) Publication Language:

English

- (30) Priority Data: 20-2004-0018524
- 30 June 2004 (30.06.2004) KR
- (71) Applicant (for all designated States except US): YON-WOO CO., LTD. [KR/KR]; 473-5, Gajwa-dong, Seo-gu, Incheon 404-250 (KR).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): KEE, Jung Hyun [KR/KR]; 81-59, Pumyang-Apartment 104-702, Gajwa-dong, Seo-gu, Incheon 404-250 (KR).
- (74) Agent: JOUNG, Suk Young; 828-8, New-Seoul Building 401, Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

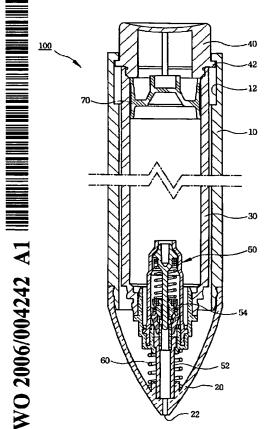
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

[Continued on next page]

(54) Title: PUSH-TYPE DISPENSING DEVICE



(57) Abstract: A push-type dispensing device is disclosed, dispensing device includes an outer casing (10). A nozzle cap (20) is fastened to a lower end of the outer casing. An inner casing (30) is housed in the outer casing, contains contents, and moves vertically. A button (40) is coupled to an upper end of the inner casing and actuated to move the inner casing downwards. A dispenser (50) is coupled to a lower end of the inner casing and dispenses a prescribed amount of contents by a pumping action. An elastic spring (60) is interposed between a cylinder cap and the nozzle cap, and elastically restores the inner casing to an original position thereof. A plunger (70) is in close contact with an inner surface of the inner casing, and pushes the contents toward the dispenser when the contents are dispensed.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.